Title (en)
MOP HEAD FIXATION DEVICE AND METHOD

Title (de)
MOPPKOPFBEFESTIGUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FIXATION D'UNE TÊTE DE BALAI

Publication
EP 2139372 A4 20100623 (EN)

Application
EP 08732978 A 20080328

Priority
• US 2008058588 W 20080328
• US 90979307 P 20070403

Abstract (en)
[origin: WO2008124341A1] Various embodiments of a mop include a user-manipulatable control operable by a user to generate attachment of a mop pad to a mop head and/or release of the mop pad from the mop head. The user-manipulatable control can be located on a handle of the mop in some embodiments, and on the mop head in other embodiments. Also, an actuator coupled to the user-manipulatable control can be used to move one or more grips, magnet-carrying elements, slides, wings, or clamping members to releasably secure the mop pad to the mop head, or to selectively magnetize one or more magnets for release and/or attachment of the mop pad.

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A47L 13/254 (2013.01 - US); **A47L 13/256** (2013.01 - EP US); **A47L 13/258** (2013.01 - EP US); Y10T 29/49815 (2015.01 - EP US); Y10T 29/49822 (2015.01 - EP US); Y10T 29/49826 (2015.01 - EP US)

Citation (search report)
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• [X] US 2005039286 A1 20050224 - BRINKER JANE [US], et al
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008124341 A1 20081016; **WO 2008124341 A9 20090319**; EP 2139372 A1 20100106; EP 2139372 A4 20100623; EP 2139372 B1 20160720; EP 2301406 A2 20110330; EP 2301406 A3 20110803; EP 2301406 B1 20170802; JP 2010523214 A 20100715; JP 5043180 B2 20121010; US 2011023251 A1 20110203; US 2013340187 A1 20131226; US 8464391 B2 20130618; US 8959699 B2 20150224

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US 2008058588 W 20080328; EP 08732978 A 20080328; EP 10193573 A 20080328; JP 2010502212 A 20080328; US 201313920893 A 20130618; US 59411408 A 20080328